



Ohio
Labor
Market
Information

Labor Market Review

1986 Annual Summary

Errata

Several errors were made in preparing the data for the 1986 Annual Summary edition of the *Labor Market Review*. Unfortunately, the errors were not discovered until the edition had gone to press.

Corrected tables are attached and should replace those in the original publication:

- page 25: Nonagricultural Wage and Salary Employment in Ohio, 1985
- page 33: Average Weekly Earnings of Production or Nonsupervisory Workers in Ohio, 1986 (Continued)
- page 58: Average Weekly Hours of Production or Nonsupervisory Workers in Cincinnati PMSA, 1986
- page 103: Nonagricultural Wage and Salary Employment in Youngstown-Warren MSA, 1986

Ohio Bureau of Employment Services

Richard F. Celeste, Governor

Dr. Roberta Steinbacher, Administrator

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1985^a
(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	4372.9	4237.6	4238.9	4282.7	4347.3	4405.8	4413.1	4379.5	4383.8	4427.7	4444.4	4454.2	4459.4
MANUFACTURING	1124.2	1122.7	1121.0	1124.2	1124.1	1128.9	1131.3	1124.6	1123.0	1124.2	1121.4	1122.8	1122.9
Durable Goods ^b	768.7	771.2	769.8	772.6	771.4	774.1	774.9	768.9	763.1	763.2	764.0	765.5	766.0
Lumber and wood products	17.0	15.3	15.2	15.6	16.6	17.1	17.5	17.5	17.9	17.7	17.8	18.0	17.7
Furniture and fixtures	14.7	15.2	15.0	15.2	14.7	14.9	14.7	14.6	14.8	14.5	14.5	14.3	14.3
Stone, clay, and glass products	50.5	49.7	49.1	49.5	50.0	50.6	51.0	50.5	51.5	51.4	51.2	50.8	50.1
Glass and glassware, pressed or blown	11.5	12.4	12.3	12.1	11.8	11.6	11.4	10.6	11.2	11.2	11.2	11.1	11.1
Primary metal industries	101.8	105.0	105.1	105.7	104.6	104.7	103.9	101.1	98.1	97.8	97.6	98.9	99.3
Blast furnace and basic steel products	45.8	47.6	48.2	48.9	48.2	48.3	47.8	45.8	42.6	41.9	42.2	44.0	44.4
Iron and steel foundries	21.3	22.0	21.7	21.6	21.3	21.6	21.5	21.2	21.3	21.2	20.8	20.6	20.7
Nonferrous rolling and drawing	18.7	18.9	18.7	18.8	18.8	18.6	18.6	18.7	18.7	19.0	18.7	18.5	18.7
Fabricated metal products	139.5	138.8	138.7	138.8	139.5	140.9	140.8	139.5	139.1	140.2	140.0	139.3	138.2
Cutlery, hand tools, and hardware	11.3	11.7	11.7	11.6	11.4	11.5	11.4	11.1	11.1	11.2	11.2	11.2	11.1
Fabricated structural metal products	29.1	28.1	27.8	28.2	28.5	29.3	29.4	29.8	29.9	30.0	29.8	29.4	29.0
Metal forgings and stampings	44.4	44.8	44.6	44.6	44.9	45.2	45.0	43.7	42.9	44.0	44.4	44.3	43.9
Machinery, except electrical	166.1	169.3	168.5	168.9	168.5	167.4	167.6	165.9	163.9	164.0	163.4	162.7	162.5
Construction and related machinery	15.2	16.0	16.0	16.0	15.8	15.4	15.4	15.3	14.9	14.6	14.3	14.2	14.0
Metalworking machinery	42.7	42.7	42.7	42.9	42.8	42.7	42.7	42.9	42.7	42.6	42.6	42.3	42.3
Special industry machinery	18.0	18.5	18.3	18.3	18.2	18.1	18.2	17.9	17.7	18.0	17.8	17.7	17.7
General industrial machinery	30.5	32.0	31.5	31.2	30.8	30.6	30.6	30.4	30.1	30.1	29.6	29.3	29.3
Office and computing machines	13.6	13.7	13.6	13.7	13.7	13.7	13.9	13.8	13.6	13.4	13.4	13.5	13.5
Refrigeration and service machinery	17.0	17.1	17.3	17.4	17.5	17.3	17.3	16.9	16.3	16.6	16.6	16.6	16.7
Electric and electronic equipment	90.7	93.4	92.9	92.6	91.3	90.6	90.4	90.0	90.3	90.1	89.1	88.2	89.2
Electrical industrial apparatus	18.2	18.6	18.6	18.5	18.4	18.3	18.2	18.0	18.0	18.0	17.8	17.8	17.7
Household appliances	16.7	17.1	17.0	17.0	16.4	16.4	16.6	16.5	17.0	16.9	16.2	16.4	16.4
Electric lighting and wiring equipment	18.1	18.6	18.6	18.4	18.2	17.9	17.8	17.8	17.9	17.9	17.9	17.9	17.9
Communication equipment	10.9	11.5	11.3	11.3	11.1	10.9	10.9	10.8	10.7	10.8	10.6	10.7	10.7
Transportation equipment	151.2	147.7	148.5	149.6	149.3	150.6	151.9	152.0	149.4	149.9	152.9	156.0	157.2
Motor vehicles and equipment	99.3	97.7	98.4	99.0	98.2	99.3	99.8	99.9	96.7	96.2	101.7	102.0	102.8
Aircraft and parts	43.0	41.0	41.0	41.4	41.8	42.3	43.0	42.9	43.8	44.1	44.4	44.9	45.3
Instruments and related products	23.1	23.1	23.0	22.9	22.9	22.9	22.9	23.1	23.2	23.3	23.3	23.4	23.5
Measuring and controlling devices	12.4	12.6	12.5	12.3	12.3	12.2	12.2	12.3	12.4	12.4	12.4	12.5	12.5
Nondurable Goods^c	355.5	351.5	351.2	351.6	352.6	354.8	356.4	355.7	359.9	361.1	357.3	357.3	356.9
Food and kindred products	62.9	61.5	60.7	61.1	61.2	61.9	62.8	63.1	65.5	66.3	63.8	63.2	63.2
Meat products	10.1	10.2	10.1	10.2	9.6	9.9	10.3	9.9	10.2	10.1	10.1	10.2	10.0
Dairy products	9.7	9.4	9.4	9.5	9.7	9.8	10.0	10.0	9.8	9.8	9.7	9.6	9.6
Preserved fruits and vegetables	11.0	10.6	10.2	10.3	10.3	10.3	10.4	10.7	12.7	13.9	11.5	10.8	10.7
Bakery products	8.7	8.3	8.4	8.4	8.6	8.6	8.8	9.0	8.9	8.7	8.8	8.8	8.9
Beverages	9.9	9.6	9.6	9.7	9.8	10.0	10.2	10.1	10.2	10.0	9.8	9.6	9.7
Apparel and other textile products	16.9	16.7	16.8	16.9	16.8	16.9	16.8	16.7	16.9	17.0	17.2	17.1	16.9

See footnotes at end of table.

RS-790-1-0 (1985)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO, 1985^a (Continued)
(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
Paper and allied products	37.0	36.2	37.0	36.9	36.9	36.9	36.8	36.9	37.3	37.3	37.2	37.3	37.4
Misc. converted paper products	12.0	12.1	12.0	12.0	12.1	12.1	11.9	11.9	12.3	12.3	11.9	11.9	12.0
Paperboard containers and boxes	12.3	12.2	12.2	12.1	12.1	12.2	12.2	12.2	12.3	12.4	12.4	12.4	12.4
Printing and publishing	66.8	65.7	65.8	65.8	66.4	66.8	66.7	66.6	66.8	67.0	67.5	68.2	68.5
Newspapers	18.5	18.2	18.2	18.3	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.7	18.8
Commercial printing	25.1	24.7	24.5	24.7	25.0	25.0	24.9	24.8	25.1	25.4	25.8	25.9	26.1
Chemicals and allied products	62.8	62.3	62.2	62.4	63.0	63.2	63.3	63.5	63.9	63.3	61.7	62.3	62.3
Industrial inorganic chemicals	10.4	10.7	10.7	10.7	10.8	10.7	10.4	10.2	10.6	10.2	9.4	10.0	10.1
Rubber and misc. plastics products	91.4	91.3	91.4	91.1	90.9	91.2	91.7	91.0	91.1	92.0	92.1	91.9	91.6
Tires and inner tubes	19.9	20.5	20.6	20.5	20.5	20.4	20.2	19.7	19.5	19.3	19.3	19.1	18.9
Miscellaneous plastics products	51.2	50.5	50.4	50.3	50.2	50.6	51.0	51.0	51.4	52.3	52.4	52.1	52.2
NONMANUFACTURING	3248.6	3114.9	3117.9	3158.6	3223.2	3276.9	3281.8	3254.9	3260.7	3303.5	3323.1	3331.4	3336.5
MINING	26.1	26.5	25.8	26.0	26.2	26.4	26.5	26.5	25.9	26.0	25.8	25.8	25.4
Bituminous coal and lignite mining	10.8	10.8	10.6	10.9	11.1	11.0	10.9	10.9	10.6	10.7	10.7	10.6	10.5
Oil and gas extraction	10.8	11.8	11.5	11.1	10.7	10.7	10.8	10.8	10.7	10.5	10.4	10.5	10.6
CONSTRUCTION	154.0	127.5	120.8	130.0	145.2	156.4	161.5	168.4	172.1	172.3	172.6	165.3	156.2
General building contractors	38.3	33.0	30.9	33.3	36.3	38.5	40.0	41.7	42.0	41.6	42.2	41.5	39.3
Heavy construction contractors	20.4	13.6	12.4	14.0	18.2	22.2	23.7	24.9	25.0	25.2	24.8	21.5	18.9
Highway and street construction	8.6	4.0	3.7	4.6	7.3	10.0	10.9	11.4	11.8	11.8	11.3	9.4	7.2
Special trade contractors	95.3	80.9	77.6	82.7	90.7	95.8	97.8	101.9	105.1	105.5	105.6	102.3	97.9
TRANSPORTATION AND PUBLIC UTILITIES	202.7	197.8	198.2	199.3	201.7	203.5	204.9	204.0	204.3	204.9	204.9	204.6	204.5
Railroad transportation	17.0	17.3	16.9	16.5	17.2	17.6	17.6	17.3	17.4	17.2	17.0	16.6	16.0
Transportation, except railroads	95.4	91.2	91.9	93.3	96.7	95.7	96.5	95.8	95.9	97.1	97.4	97.6	98.2
Trucking and warehousing	68.5	66.1	66.6	67.6	67.8	68.4	68.9	68.8	68.6	69.3	69.5	69.7	70.4
Communication, electric, gas services	90.2	89.4	89.4	89.5	89.8	90.2	90.8	90.8	91.0	90.6	90.5	90.4	90.3
Communication	49.5	49.2	49.3	49.4	49.6	49.7	49.9	49.6	49.7	49.6	49.5	49.4	49.0
Electric, gas, and sanitary services	40.7	40.1	40.0	40.1	40.2	40.4	40.9	41.2	41.3	41.0	41.1	41.1	41.2
WHOLESALE TRADE	243.7	240.4	240.3	242.0	243.4	245.2	245.7	244.6	244.7	244.3	244.7	244.8	244.8
Wholesale trade-durable goods	154.9	152.5	152.4	153.8	154.8	155.9	156.1	155.6	155.6	154.9	155.6	155.7	155.7
Motor vehicles & automotive equipment	22.7	22.9	22.9	23.5	23.3	23.2	23.1	22.8	22.5	22.1	21.9	22.0	21.9
Electrical goods	20.6	20.1	20.1	20.1	20.3	20.5	20.7	20.5	20.6	20.6	20.9	21.0	21.2
Machinery, equipment, and supplies	66.0	64.3	64.5	64.9	65.4	66.0	66.3	66.4	66.6	66.5	67.1	67.2	67.4
Wholesale trade-nondurable goods	88.9	87.9	87.8	88.2	88.6	89.3	89.6	89.1	89.1	89.4	89.1	89.2	89.2
Groceries and related products	27.7	27.3	27.2	27.4	27.5	27.7	27.9	27.8	27.9	28.0	27.8	27.8	27.9
RETAIL TRADE	787.9	752.9	740.1	751.5	772.2	789.9	795.7	795.0	800.8	802.4	805.6	817.7	831.2
General merchandise stores	114.7	116.2	108.8	109.0	109.7	111.5	111.6	110.7	112.1	113.9	117.2	124.4	130.7
Department stores	104.0	106.8	99.6	99.7	100.0	101.4	101.3	100.2	101.2	102.6	105.3	112.1	117.9
Food stores	125.4	121.1	120.8	121.5	123.2	125.1	125.6	126.7	127.3	127.3	128.3	128.8	130.9
Automobile dealers and service stations	86.6	82.8	82.7	83.9	86.0	87.2	88.1	88.1	88.3	88.3	88.1	88.2	88.0
Apparel and accessory stores	37.1	35.9	34.8	35.2	35.7	36.3	36.4	36.2	37.1	37.3	38.3	39.6	41.9
Eating and drinking places	274.2	253.7	252.5	259.3	271.2	280.2	283.5	283.4	285.6	284.7	280.0	278.6	278.1

See footnotes at end of table.

RS-790-1-0 (1985)

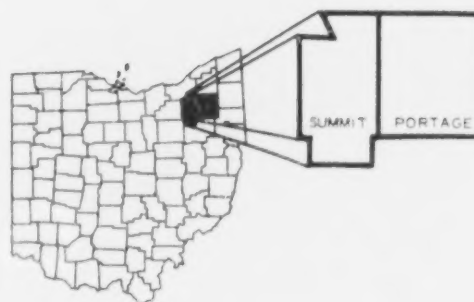
AVERAGE WEEKLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO, 1986^a (Continued)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
Paper and allied products	\$487.28	\$481.23	\$484.74	\$473.00	\$472.56	\$478.93	\$481.34	\$496.15	\$483.34	\$499.26	\$495.29	\$493.50	\$503.10
Misc. converted paper products	452.24	440.67	450.24	431.74	430.77	448.44	452.24	465.88	459.78	469.34	460.67	454.82	468.00
Paperboard containers and boxes	416.37	403.75	409.92	402.69	408.85	411.18	412.58	414.39	412.30	435.56	422.30	432.72	434.30
Printing and publishing	410.70	403.37	400.62	408.67	398.91	407.33	402.80	406.75	410.80	417.40	418.95	429.37	429.46
Newspapers	348.15	329.31	325.38	333.00	335.30	357.00	350.87	349.17	348.16	356.68	357.76	361.53	376.88
Commercial printing	410.34	406.58	404.99	412.85	397.55	397.88	390.40	401.95	416.16	419.52	422.42	433.78	414.47
Chemicals and allied products	514.04	508.02	506.57	515.10	503.84	509.96	520.67	502.94	509.99	518.22	512.05	521.59	534.06
Industrial inorganic chemicals	551.27	552.98	542.10	534.78	528.21	548.69	563.86	550.12	556.19	568.01	550.84	555.10	559.99
Rubber and misc. plastics products	438.96	442.96	438.44	438.60	423.43	433.15	443.66	431.38	439.65	441.34	443.23	447.38	444.19
Tires and inner tubes	633.40	641.55	630.20	622.89	628.38	625.14	653.80	633.25	660.81	628.34	635.51	634.20	611.88
Miscellaneous plastics products	423.73	424.15	424.15	426.13	404.89	416.64	426.43	412.93	419.42	425.96	428.40	435.89	434.02
MINING	521.02	527.77	513.30	507.91	511.17	512.13	514.17	512.00	524.18	538.77	516.67	528.96	551.89
Bituminous coal and lignite mining	619.42	636.23	623.08	614.66	611.94	615.91	607.75	591.14	631.08	635.95	597.40	623.83	648.06
CONSTRUCTION	579.34	602.16	572.14	574.93	580.39	587.39	581.10	559.78	595.81	588.85	588.35	565.74	557.78
TRANSPORTATION AND PUBLIC UTILITIES	557.02	516.65	515.36	529.10	523.67	526.50	537.92	543.58	536.61	549.70	552.49	551.26	553.73
Communication, electric, gas services ..	526.82	502.44	503.23	519.30	510.24	513.11	531.95	541.03	524.88	539.97	545.61	541.82	549.92
Electric, gas, and sanitary services ..	548.14	534.42	529.72	541.99	539.79	543.02	543.92	547.87	551.45	560.77	561.60	561.60	559.73
WHOLESALE TRADE	366.42	357.77	356.96	360.89	365.38	366.03	367.06	368.68	366.81	368.39	369.57	371.99	374.22
Wholesale trade-durable goods	362.22	356.80	353.98	358.66	362.06	361.82	364.98	363.92	362.61	366.83	364.59	364.72	368.28
Wholesale trade-nondurable goods	372.06	360.02	361.38	363.47	371.62	373.18	372.23	375.65	373.01	371.50	376.92	382.71	383.72
RETAIL TRADE ^d	157.28	153.39	153.71	153.97	155.04	156.67	158.30	160.52	159.10	159.26	158.44	157.32	162.09
General merchandise stores	178.19	165.82	168.04	169.80	179.08	181.76	185.13	188.17	183.92	182.70	179.67	174.89	181.62
Department stores	183.25	166.48	172.25	174.05	184.14	186.85	190.30	193.44	188.80	187.52	184.11	179.26	186.91
FINANCE, INSURANCE, AND REAL ESTATE ..	248.32	243.08	245.31	245.33	247.68	249.72	245.24	247.26	249.66	250.55	251.79	250.72	253.44
Banking	242.53	236.81	237.82	237.98	246.13	243.32	242.77	240.40	244.47	243.38	244.91	243.87	247.74
Credit agencies other than banks	328.21	315.16	319.21	319.11	324.04	324.31	323.48	325.98	327.20	333.66	338.18	342.96	343.24
Insurance carriers .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
SERVICES .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health services .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	318.59	313.07	312.56	312.96	314.63	315.63	317.63	320.82	321.55	324.53	322.01	320.41	322.68

^aEstimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." ^bIncludes miscellaneous manufacturing. ^cIncludes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. ^dMoney payments only, tips not included. ^eLow due to labor-management disputes during part of pay period. ^fNot comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-24-87 RS-790-2-0 (1986)

AKRON PRIMARY METROPOLITAN STATISTICAL AREA

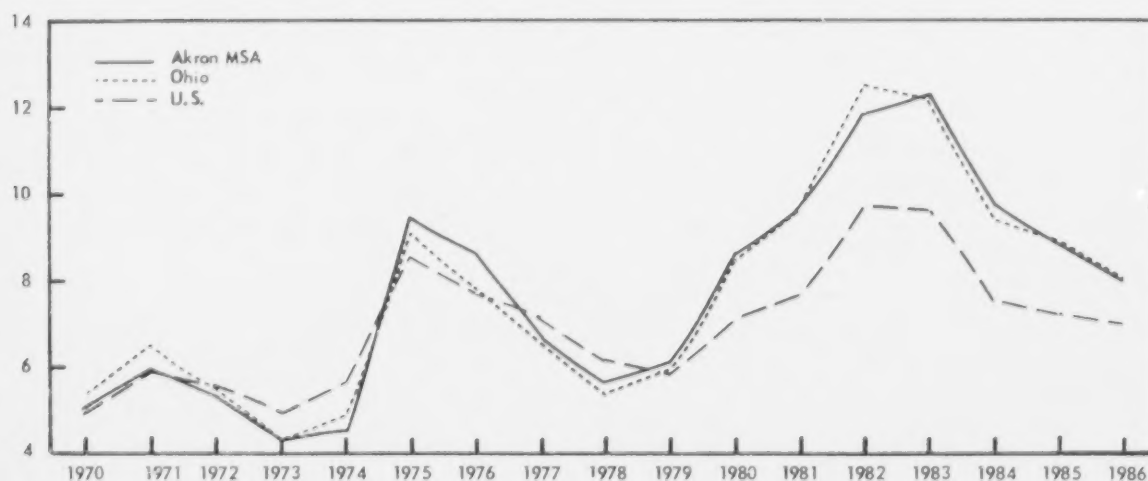


The estimated annual average civilian labor force in the Akron metropolitan area, based on place of residence, increased by 1,700 jobs, from 317,800 in 1985, to 319,500 in 1986. Total employment advanced 4,000 over the year, to 293,900, while unemployment registered a decrease of 2,400, to a 1986 level of 25,600. The unemployment rate declined from 8.8 percent in 1985, to 8.0 percent in 1986. (See table, page 35, top.)

Nonagricultural wage and salary employment in the Akron area rose .9 percent, from 257,600 in 1985, to 260,000 in 1986. Despite a slight recovery in 1985, manufacturing employment fell by 1,300 in 1986. Rubber and miscellaneous plastics products, especially tires and inner tubes, contributed heavily to the decline. Expansion in construction, retail trade, and services helped negate the losses in manufacturing. Retail trade and services had net gains of 1,000 and 1,400 jobs, respectively, to pace nonmanufacturing divisions.

Since the 1979-1983 recessionary period, the major concentration of growth in the Akron area has been in retail trade, with a net gain of 4,700 jobs. Services was second with an addition of 3,100 jobs. Most industries in the area recorded a slight but steady recovery. Tires and inner tubes continued to decline, with a net loss of 1,600 jobs between 1983 and 1986. (See table, page 35, bottom.)

Percent **AKRON MSA, OHIO AND U.S. UNEMPLOYMENT RATES (Not Seasonally Adjusted)**



AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI, OHIO, 1986^a

Industry	1986 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	\$10.76	\$10.70	\$10.78	\$10.75	\$10.67	\$10.61	\$10.64	\$10.67	\$10.73	\$10.80	\$10.80	\$10.96	\$10.98
Durable Goods ^b	10.84	10.78	10.86	10.73	10.75	10.51	10.67	10.74	10.77	10.94	10.96	11.16	11.13
Fabricated metal products	9.47	9.50	9.23	9.41	9.42	9.40	9.40	9.56	9.55	9.55	9.55	9.55	9.47
Fabricated structural metal products ..	9.90	9.90	9.62	9.85	9.93	9.72	9.86	10.13	10.13	9.95	10.00	10.00	9.69
Machinery, except electrical	9.92	9.74	9.86	9.94	9.95	10.03	9.83	9.91	9.96	9.95	10.00	10.00	9.88
Metalworking machinery	10.86	10.53	10.75	10.81	10.93	11.14	10.71	10.92	10.89	10.81	10.91	11.10	10.91
General industrial machinery	9.31	8.95	9.04	9.25	9.52	9.43	9.20	9.33	9.38	9.47	9.43	9.37	9.32
Electric and electronic equipment	8.85	8.93	8.93	8.94	8.93	8.80	8.76	8.63	8.60	8.96	8.84	8.98	8.95
Transportation equipment	14.40	14.12	14.24	14.17	14.23	14.07	14.10	14.22	14.38	14.58	14.63	15.01	14.86
Motor vehicles and equipment	15.42	15.30	15.43	15.52	15.64	15.92	15.28	14.87	15.28	15.39	15.51	15.49	15.51
Nondurable Goods ^c	10.68	10.61	10.69	10.78	10.59	10.71	10.61	10.59	10.69	10.63	10.62	10.76	10.81
Food and kindred products	10.95	10.88	10.83	10.84	10.76	10.90	10.83	10.98	11.00	11.08	10.92	11.14	11.24
Beverages	12.14	12.05	12.07	12.01	12.14	12.03	12.15	12.22	12.12	12.25	12.10	12.12	12.40
Apparel and other textile products	5.58	5.50	5.55	5.55	5.63	5.68	5.62	5.51	5.68	5.69	5.51	5.59	5.51
Paper and allied products	9.82	9.51	9.66	9.55	9.82	9.78	9.86	9.95	9.87	9.82	9.87	10.00	9.95
Printing and publishing	11.26	11.12	10.98	11.28	11.18	11.19	11.16	11.26	11.33	11.43	11.39	11.43	11.38
Commercial printing	11.79	11.74	11.43	11.93	11.71	11.74	11.68	11.77	11.88	11.96	11.85	11.91	11.87
Chemicals and allied products	12.32	12.33	12.50	12.57	12.25	12.33	12.22	12.05	12.44	12.08	12.25	12.44	12.35
Rubber and misc. plastics products	9.07	9.12	8.84	9.01	8.55	9.41	9.03	9.14	8.99	9.14	9.17	9.16	9.13
TRANSPORTATION AND PUBLIC UTILITIES .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services ..	13.06	12.90	12.81	12.95	12.86	13.03	13.01	13.08	12.94	13.25	13.28	13.28	13.27
WHOLESALE TRADE	9.41	9.41	9.32	9.35	9.37	9.44	9.50	9.48	9.41	9.43	9.39	9.41	9.44
RETAIL TRADE ^d	5.53	5.43	5.47	5.47	5.49	5.47	5.52	5.50	5.51	5.59	5.62	5.61	5.63

^aEstimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. Industrial classifications are those described in the Standard Industrial Classification Manual-1972 Revision.^e Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products; money payments only, tips not included. ^fLow due to labor-management disputes during part of pay period. ^gNot comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-24-87 RS-790-4-3 (1986)

AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI MSA, 1986^a

Industry	1986 Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING	42.1	41.8	41.3	41.8	41.4	41.9	41.7	41.7	42.2	42.3	42.5	43.3	43.0
Durable Goods ^b	42.3	41.9	41.7	42.0	41.9	42.2	42.0	41.5	42.0	42.6	42.7	43.4	43.6
Fabricated metal products	42.2	41.9	39.7	41.9	40.9	41.1	41.3	42.7	44.1	43.1	42.7	43.2	42.8
Fabricated structural metal products ..	43.3	43.8	37.7	43.5	41.9	42.1	42.2	46.6	47.2	44.6	43.9	43.6	42.5
Machinery, except electrical	42.4	41.8	41.6	42.9	42.9	43.2	42.0	41.5	42.2	42.2	42.4	43.4	43.1
Metalworking machinery	42.7	40.8	42.4	44.0	42.5	43.1	41.2	41.2	43.7	42.9	43.6	44.0	43.9
General industrial machinery	42.5	40.8	40.0	43.4	44.5	44.1	41.6	41.0	41.7	42.5	42.9	44.2	43.8
Electric and electronic equipment	40.7	41.4	39.8	41.0	40.1	40.4	41.6	39.5	39.7	41.2	40.9	41.1	41.2
Transportation equipment	44.8	43.7	45.5	43.9	44.5	45.3	44.2	43.6	43.4	45.4	45.1	46.2	46.9
Motor vehicles and equipment	44.2	45.4	45.5	43.7	44.5	47.1	44.2	40.7	42.0	44.8	44.4	44.3	44.8
Nonurable Goods ^c	41.8	41.7	40.8	41.6	40.7	41.7	41.4	41.9	42.4	41.9	42.3	43.2	42.4
Food and kindred products	42.6	41.5	40.5	40.9	41.4	43.0	42.3	44.4	44.1	43.6	42.8	43.3	43.7
Beverages	42.4	42.3	40.4	40.5	41.2	41.9	41.7	44.1	43.5	44.2	42.9	41.4	43.9
Apparel and other textile products	37.5	38.8	36.6	38.8	37.7	39.5	36.3	35.9	36.4	36.7	38.8	39.2	37.4
Paper and allied products	41.1	41.6	41.6	40.5	40.8	39.9	40.2	40.9	40.6	41.4	41.4	42.7	41.5
Printing and publishing	39.4	39.4	39.1	39.7	38.6	38.8	38.5	39.2	39.2	39.8	40.1	40.4	40.0
Commercial printing	42.4	42.8	42.1	42.9	41.4	40.1	39.7	41.7	42.3	43.5	44.4	43.9	44.4
Chemicals and allied products	42.8	42.5	42.3	43.5	42.0	42.8	42.6	42.3	43.5	42.2	42.7	44.3	42.7
Rubber and misc. plastics products	46.2	47.4	44.3	46.5	40.8	46.7	46.6	46.1	47.3	46.2	46.6	47.2	48.0
TRANSPORTATION AND PUBLIC UTILITIES .....	....	....	....	....	....	....	....	....	....	....	....	....	....
Communication, electric, gas services ..	39.8	39.3	39.0	40.2	39.8	39.5	39.6	40.3	39.8	39.9	39.9	40.1	40.1
WHOLESALE TRADE	40.6	40.5	40.1	40.3	40.5	40.6	40.6	41.3	40.4	40.8	40.7	41.1	40.6
RETAIL TRADE	29.2	29.0	28.4	28.8	29.2	29.2	29.8	29.8	29.8	29.3	28.8	28.8	29.3

^aEstimated in cooperation with U.S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full- and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average weekly hours are computed from the sum of hours worked plus hours paid for stand-by or reporting time, sick leave, holidays, and vacations. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." ^bIncludes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. ^cIncludes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. ^dLow due to labor-management disputes during part of pay period. ^eNot comparable to previous estimates.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 3-24-87 RS-790-3-3 (1986)

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN MSA, 1986^a
(in thousands)

Industry	1986 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	188.2	183.6	182.6	183.4	186.7	189.8	189.6	187.6	187.8	191.1	191.7	191.9	192.5
MANUFACTURING	52.0	52.6	51.8	51.7	51.7	52.2	52.1	51.5	51.5	52.3	52.3	52.2	52.2
Durable Goods ^b	46.6	47.2	46.6	46.5	46.6	46.9	46.9	46.1	46.1	46.8	46.7	46.6	46.8
Primary metal industries	19.7	20.2	19.9	19.6	19.5	19.8	19.7	19.3	19.3	19.9	19.9	19.8	19.9
Blast furnace and basic steel products	6.4	6.4	6.4	6.4	6.3	6.4	6.4	6.4	6.2	6.3	6.4	6.4	6.4
Fabricated metal products	7.7	7.8	7.8	7.7	7.8	7.9	7.9	7.8	7.5	7.5	7.7	7.8	7.8
Machinery, except electrical	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.6	3.5
Electric and electronic equipment	2.4	2.4	2.4	2.3	2.3	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Transportation equipment	10.0	9.9	9.9	10.0	10.1	10.0	10.0	9.9	10.0	10.0	9.8	9.9	10.1
Nondurable Goods ^c	5.4	5.3	5.2	5.2	5.1	5.3	5.2	5.3	5.4	5.5	5.7	5.6	5.4
NONMANUFACTURING^d	136.2	131.0	130.8	131.7	135.0	137.7	137.5	136.2	136.3	138.8	139.4	139.7	140.3
CONSTRUCTION	6.8	5.2	5.1	5.3	6.3	7.0	7.4	7.7	8.0	7.8	7.9	7.4	6.8
TRANSPORTATION AND PUBLIC UTILITIES	7.8	7.4	7.4	7.5	7.5	7.6	7.7	7.7	7.9	8.0	8.1	8.1	8.2
Communication, electric, gas services ..	3.1	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2
WHOLESALE TRADE	9.0	8.6	8.6	8.6	8.9	9.2	9.3	9.2	9.2	9.1	9.0	9.0	9.0
Wholesale trade-durable goods	5.9	5.6	5.6	5.7	5.8	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8
RETAIL TRADE	37.3	36.5	35.9	36.0	36.9	37.5	37.6	37.3	37.5	37.6	37.7	38.4	39.0
General merchandise stores	5.8	6.4	6.0	5.7	5.6	5.5	5.6	5.4	5.4	5.6	5.7	6.2	6.3
FINANCE, INSURANCE, AND REAL ESTATE	8.0	7.7	7.7	7.8	8.0	8.1	8.2	8.3	8.2	8.1	8.1	8.1	8.2
Banking	2.8	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.7
SERVICES	42.9	41.1	41.1	41.3	42.1	43.1	43.4	43.9	43.8	44.6	43.7	43.3	43.5
Health services	19.0	18.4	18.5	18.5	18.8	18.8	19.0	19.4	19.3	19.4	19.2	19.3	19.6
Hospitals	10.1	9.7	9.8	9.8	10.0	10.0	10.0	10.5	10.4	10.5	10.3	10.3	10.5
GOVERNMENT	23.7	23.9	24.4	24.5	24.2	24.5	23.4	21.5	21.0	23.0	24.2	24.8	25.0
State government	3.9	3.8	4.2	4.3	3.9	4.2	4.2	3.6	3.3	3.2	3.8	4.2	4.3
State government education	2.4	2.4	2.8	2.8	2.4	2.7	2.6	2.0	1.7	1.7	2.4	2.8	2.8
State government, except education ..	1.5	1.4	1.5	1.4	1.5	1.5	1.5	1.6	1.6	1.5	1.5	1.4	1.5
Local government	17.7	18.0	18.1	18.2	18.2	18.3	17.2	15.8	15.7	17.8	18.3	18.5	18.6
Local government education	11.2	11.6	11.8	11.9	11.8	11.8	10.6	9.2	9.1	11.2	11.8	12.0	12.1
Local government, except education ...	6.5	6.4	6.3	6.4	6.4	6.4	6.6	6.7	6.6	6.5	6.5	6.5	6.6

^aEstimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1986 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." ^bIncludes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. ^cIncludes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. ^dIncludes mining. ^eDepressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN MSA, 1985^a
(in thousands)

Industry	1985 Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL	184.2	178.2	178.5	180.5	183.1	186.0	185.8	184.1	182.3	187.8	188.4	187.7	187.9
MANUFACTURING	52.7	52.6	52.5	53.0	52.9	52.8	52.9	52.3	50.0	53.8	53.8	53.3	53.1
Durable Goods ^b	47.5	47.4	47.4	47.8	47.7	47.7	47.9	47.2	44.7	48.4	48.2	47.8	47.9
Primary metal industries	20.7	21.0	20.8	21.1	21.1	20.9	20.9	20.4	20.3	20.5	20.4	20.2	20.2
Blast furnace and basic steel products	6.8	7.0	7.1	7.4	7.3	7.3	7.3	6.7	6.5	6.4	6.5	6.4	6.3
Fabricated metal products	8.0	7.9	8.0	8.0	8.0	8.1	8.1	8.0	8.1	8.1	8.2	8.0	8.0
Machinery, except electrical	4.0	3.9	4.0	4.0	4.1	4.1	4.2	4.1	4.0	4.0	4.0	3.9	3.8
Electric and electronic equipment	2.6	2.8	2.7	2.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Transportation equipment	8.9	8.6	8.6	8.6	8.7	8.8	8.9	8.8	6.5	9.9	9.8	9.8	10.0
Nondurable Goods ^c	5.2	5.2	5.1	5.2	5.2	5.1	5.0	5.1	5.2	5.4	5.6	5.5	5.2
NONMANUFACTURING^d	131.4	125.6	126.0	127.5	130.2	133.1	132.9	131.8	132.4	134.0	134.7	134.5	134.8
CONSTRUCTION	6.3	4.8	4.5	4.9	5.6	6.3	6.9	7.2	7.7	7.4	7.2	6.6	6.0
TRANSPORTATION AND PUBLIC UTILITIES	7.6	7.3	7.4	7.4	7.5	7.6	7.6	7.6	7.7	7.7	7.8	7.7	7.7
Communication, electric, gas services ..	3.1	3.0	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.0
WHOLESALE TRADE	8.6	8.3	8.3	8.4	8.6	8.7	8.8	8.6	8.8	8.8	8.7	8.6	8.6
Wholesale trade-durable goods	5.7	5.5	5.5	5.6	5.7	5.8	5.9	5.8	5.8	5.8	5.7	5.7	5.7
RETAIL TRADE	36.7	34.9	34.3	34.8	36.1	36.9	37.3	37.1	37.4	37.5	37.3	38.0	38.6
General merchandise stores	6.2	6.2	5.8	5.7	5.8	5.9	6.0	6.1	6.3	6.3	6.5	7.0	7.2
FINANCE, INSURANCE, AND REAL ESTATE	7.5	7.2	7.2	7.2	7.3	7.4	7.5	7.6	7.6	7.6	7.7	7.7	7.8
Banking	2.6	2.5	2.5	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.7
SERVICES	41.1	39.4	39.8	40.3	40.9	41.6	41.8	41.8	41.6	42.3	41.6	41.0	40.9
Health services	18.1	18.0	18.0	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.3
Hospitals	9.9	10.0	10.0	10.0	10.0	10.0	9.9	9.9	9.9	9.9	9.8	9.8	9.8
GOVERNMENT	23.0	23.0	23.7	23.8	23.4	23.9	22.2	21.0	20.9	22.1	23.7	24.2	24.5
State government	3.8	3.6	4.1	4.2	3.8	4.1	4.0	3.2	3.1	2.7	3.8	4.3	4.3
State government education	2.3	2.2	2.7	2.7	2.3	2.7	2.5	1.6	1.6	1.2	2.4	2.8	2.8
State government, except education ..	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.4	1.5
Local government	17.3	17.5	17.6	17.7	17.6	17.8	16.2	15.8	15.8	17.4	17.9	18.0	18.2
Local government education	10.9	11.2	11.4	11.5	11.4	11.5	9.6	9.2	9.2	11.0	11.6	11.7	11.7
Local government, except education ..	6.4	6.3	6.2	6.3	6.3	6.3	6.6	6.7	6.6	6.5	6.3	6.3	6.5

^aEstimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1986 benchmark. Includes full- and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. Industrial classifications are those described in the "Standard Industrial Classification Manual-1972 Revision." ^bIncludes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. ^cIncludes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. ^dIncludes mining. ^eDepressed due to labor-management disputes.

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